

**Amendments to the Specification**

1. Please replace the paragraph beginning at page 13, line 15 with the following rewritten paragraph:

--FIG. ~~28A~~ 28B summarizes the paths of FIG. 27 to generate the guide;--

2. Please replace the paragraph beginning at page 14, line 1 with the following rewritten paragraph:

--FIG. 30A summarizes the paths of FIG. 24 to generate the ~~guide~~ trace;

3. Please insert the following paragraph on page 14 after line 1:

--FIG. 30B summarizes the paths of FIG. 24 to generate the guide;--

4. Please replace the paragraph beginning at page 14, line 12 with the following rewritten paragraph:

--FIGS. ~~33A-D~~ A-F shows the six combinations of concurrent connections required for a 3x3 switch to ~~quality~~ qualify as a compressor; --

5. Please insert the following paragraph on page 17 after line 15:

--FIGS. 56A-D depict balanced binary trees with different numbers of leaves;--